

**MWO 186-1**

**OPTIONAL**

**MODIFICATION WORK ORDER**

**FOR**

**MODEL 131**

**SELCAL SYSTEM**

**APRIL 1974**

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## SECTION 1. GENERAL

### 1.1 Equipment Affected

This modification is designed for all Cooke 131 Selcal systems.

### 1.2 Class of Modification

This modification is OPTIONAL.

### 1.3 Modification Time Required

This modification can be performed in less than fifteen minutes.

## SECTION 2. MATERIAL REQUIRED

ITEM NO.	STOCK NO.	NOMENCLATURE	QTY.
1.	5820-00P00-0077	Modification Kit f/u/w Cooke 131 Selcal System (MWO 186-1)	1 ea.
2.	7510-H00-8637	MWO Identification Plate	1 ea.

## SECTION 3. REASON FOR MODIFICATION

To prevent false triggering with AC power changeovers.

## SECTION 4. MODIFICATION PROCEDURE

4.1 Unplug unit.

4.2 Remove the black AC wire from TB-2, Terminal 2. Cut off the lug and strip off 1/2" of insulation.

4.3 Solder this wire to pin 5 of the P/B KR-63<sup>6</sup>1 octal relay socket (Pin 8 of KRP11). (See Figure 1).

4.4 Connect the black wire from pin 6 of the octal relay socket to TB-2, Terminal 2. (See Figure 1).

4.5 Connect the white wire from pin 2 of the octal relay socket to TB-2, Terminal 3 together with the white wire of the AC cord.

4.6 Attach the relay socket plate to the back of unit above TB-2.  
Utilize the two screws/holes already present (See Figure 2).

4.7 Dress and clamp line cord so that there is no strain on wires.

## SECTION 5. REMINDER

An MWO Identification Plate should be placed on the rear of the chassis.

5.1 MWO 186-1

5.2 Date of Modification.

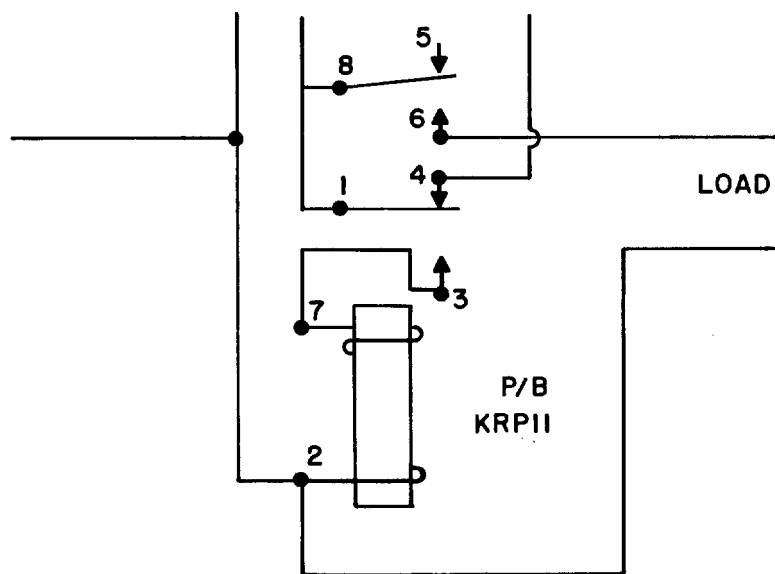
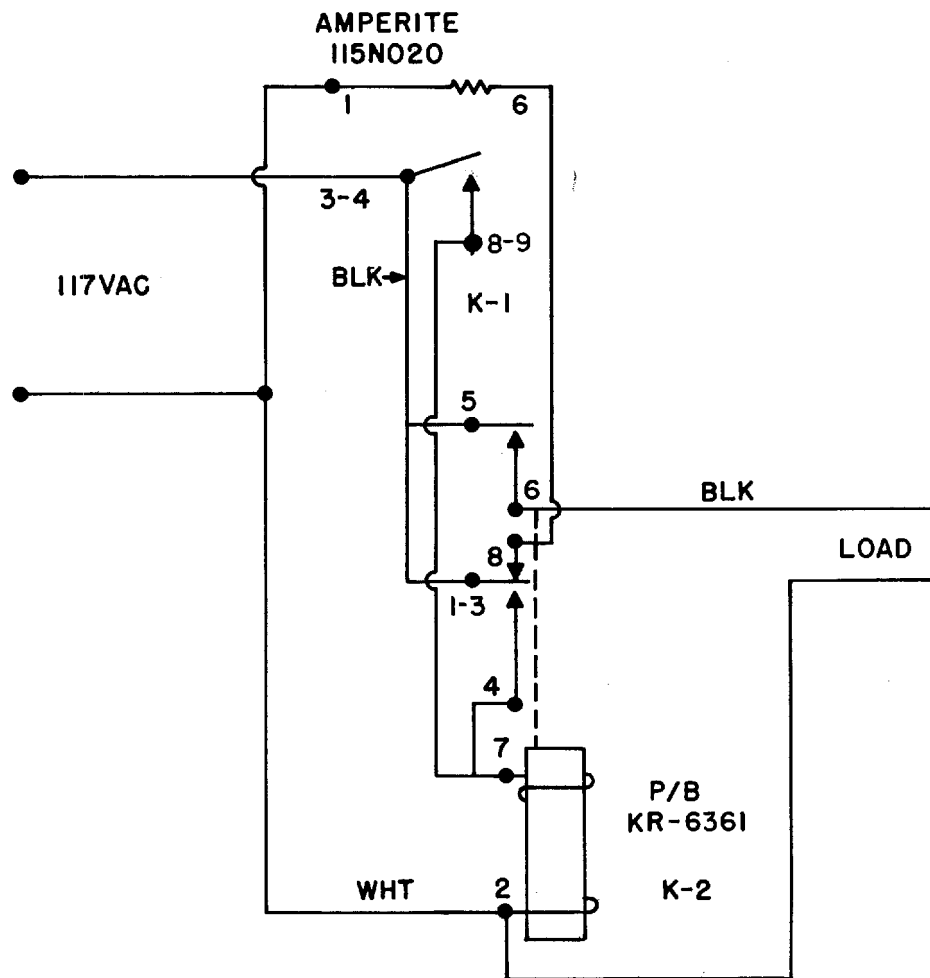


Figure 1

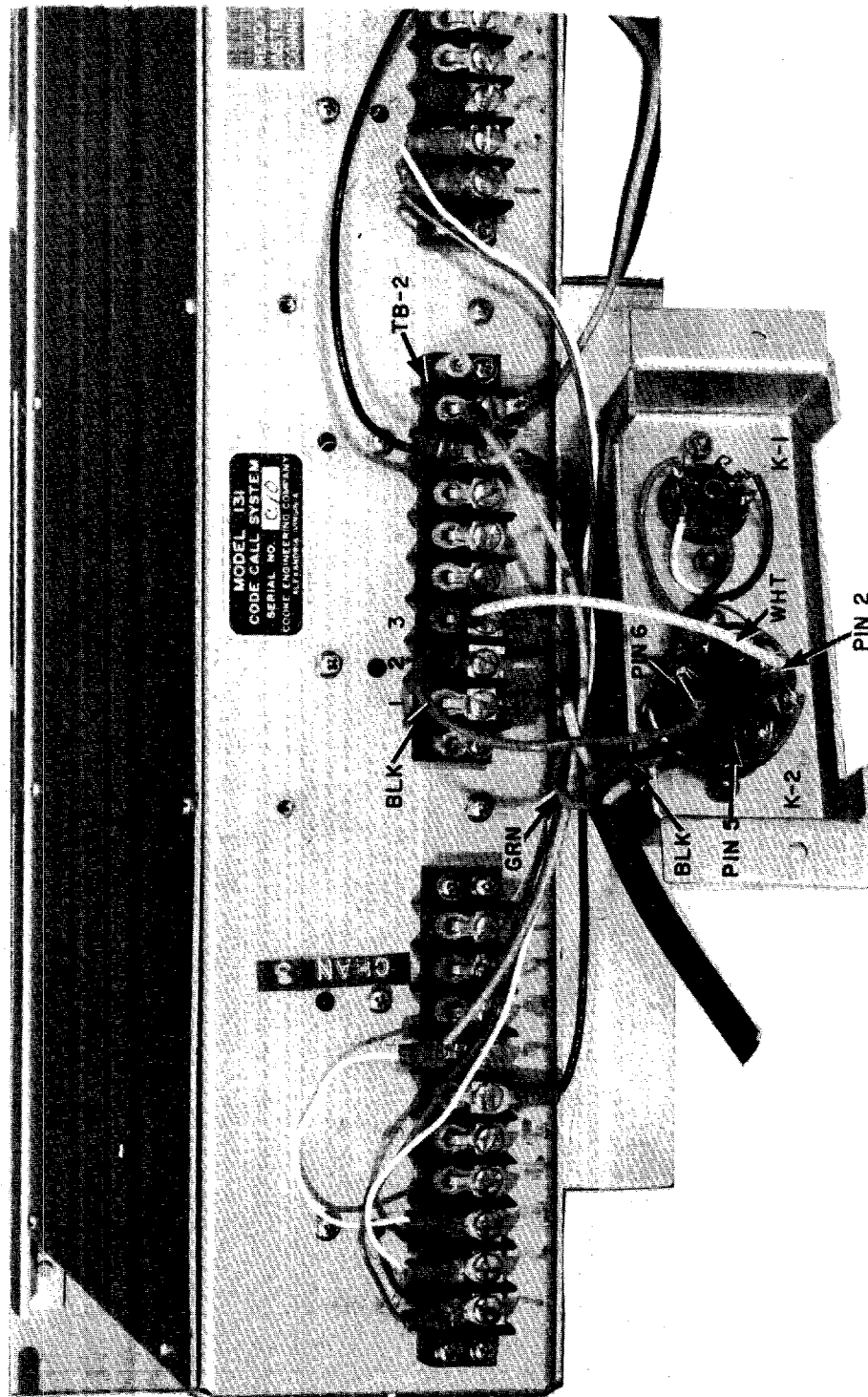


Figure 2

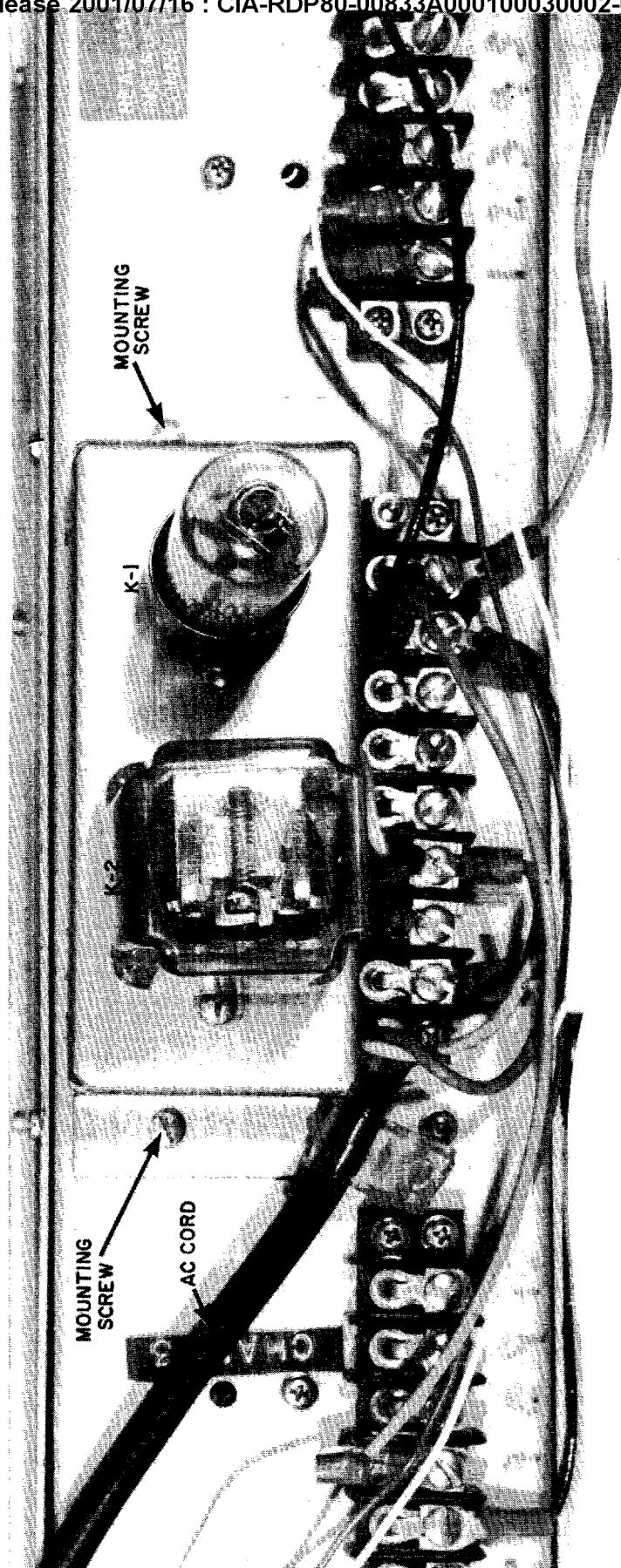


Figure 3